



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lichtenhan et al.

Serial No.: 09/631,892

Filed: August 4, 2000

For: PROCESS FOR THE FORMATION OF POLYHEDRAL OLIGOMERIC
SILSESQUIOXANES

Attorney Docket: 38559-0282005

Art Unit: 1712

Examiner: Robertson, Jeffrey

MAIL STOP FEE AMENDMENT

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

RECEIVED
OCT 06 2003
TC 1700

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application. Please acknowledge receipt of the amendment by stamping the date on the enclosed, self-addressed card.

STATUS

2. Applicant is a small entity.

EXTENSION OF TIME

3. (a) Applicant petitions for an extension of time under 37 CFR 1.136 for the total number of months checked below:

	Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/>	one month	\$ 110.00	\$ 55.00
<input type="checkbox"/>	two months	\$ 410.00	\$205.00
<input checked="" type="checkbox"/>	three months	\$ 930.00	\$465.00
<input type="checkbox"/>	four months	\$1,450.00	\$725.00
<input type="checkbox"/>	five months	\$1,970.00	\$985.00

Fee \$465.00

If an additional extension of time is required please consider this a petition therefor.

An extension for months has already been secured and the fee paid therefor of \$ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$465.00

CERTIFICATE OF MAILING

I, Judy Keeley, hereby certify that this paper (along with any items referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: MAIL STOP FEE AMENDMENT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Date: September 25, 2003

FEE FOR CLAIMS

4. The fee for claims (37 CFR 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY			OTHER THAN A SMALL ENTITY
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE OR	RATE	ADD'L FEE
TOTAL	MINUS	=	x 9 =	\$	x18 =	\$
INDEP.	MINUS	=	x 40 =	\$	\$80 =	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM + 135 =			\$	+270	\$	
			TOTAL ADD'L FEE \$	OR	TOTAL ADD'L FEE \$	

(a) No additional fee for claims required.
 (b) Total additional fee for claims required \$

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FEE PAYMENT

5. Attached is a check in the sum of \$465.00.
 Charge Account No. 03-3975 the sum of \$.
 A duplicate of this transmittal is attached.

FEE DEFICIENCY

6. If any additional extension and/or fee is required, charge Account No. 03-3975.

Date: September 25, 2003



 David H. Jaffer
 Reg. No. 32,243
 Customer No. 27498

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UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lichtenhan et al. Docket No.: 38559-0282005
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AMENDMENT

MAIL STOP FEE AMENDMENT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Please amend this application as follows:

In the Claims

Claims 1-21 (Cancelled).

1 22. (Previously presented) A process of converting a polymeric silsesquioxane into a POSS
2 fragment, comprising:

3 mixing an effective amount of a base with the polymeric silsesquioxane in a solvent to
4 produce a basic reaction mixture, the base reacting with the polymeric silsesquioxane to produce
5 the POSS fragment,

6 wherein the polymeric silsesquioxane has the formula $[RSiO_{1.5}]_{\infty}$, and the POSS fragment
7 has the formula $[(RSiO_{1.5})_m(RXSiO_{1.0})_n]$, where R represents an organic substituent, X represents
8 a functionality substituent, ∞ represents the degree of polymerization and is a number greater
9 than or equal to 1, and m and n represent the stoichiometry of the formula.

1 23. (Previously presented) The process of claim 22, wherein the base and the polymeric
2 silsesquioxane are mixed by stirring the reaction mixture.